

Newport Port Sanitary Authority.

---

# ANNUAL REPORT

For the Year 1903.

---

BY

J. HOWARD-JONES, M.D., D.Sc., C.M.,

MEDICAL OFFICER OF HEALTH.



NEWPORT :

W. JONES, PRINTER AND BOOKBINDER, 159 COMMERCIAL STREET.

# County Borough of Newport.

---

## Sanitary and Port Sanitary Committee, 1902-3 :

### *Chairman :*

COUNCILLOR MORGAN.

### *Vice-Chairman :*

COUNCILLOR W. CLIFFORD PHILLIPS.

COUNCILLOR LINTON.

COUNCILLOR SUTTON.

„ DUNN.

„ HERBERT.

„ MCGINN.

„ MOXON.

„ DUCKHAM.

„ SIMMONDS.

„ PARFITT.

„ DAVIES.

„ BURPITT.

### *Clerk to Port Sanitary Authority:*

ALBERT AUGUSTUS NEWMAN.

### *Medical Officer of Health ;*

J. HOWARD-JONES, M.D., D.Sc.

### *Port Sanitary Inspector :*

THOMAS ROBERTS.

### *Assistant Inspector :*

W. JENKINS, CERT. SANITARY INSTITUTE.

### *Caretaker of Port Sanitary Hospital at Mendalgief*

E. A. WALKER.

# NEWPORT PORT SANITARY AUTHORITY.

---

HEALTH DEPARTMENT,  
TOWN HALL, NEWPORT,

MAY, 1904.

TO THE CHAIRMAN AND MEMBERS OF THE NEWPORT PORT SANITARY COMMITTEE.

GENTLEMEN,

I beg to submit my report for the year 1903. It is made in accordance with the Regulations of the Local Government Board which prescribe with regard to the Medical Officer of Health.

“ That he shall prepare an annual report, to be made to the end of December in each year, comprising tabular statements (so far as he shall have been able to obtain the necessary information) of the sickness and mortality of persons on ship-board within the district, classified according to diseases, ages, and vessels, and a summary of the action taken during the year for preventing the spread of disease. The report shall also contain an account of the proceedings in which he has taken part or advised under the Public Health Act, 1875, so far as such proceedings relate to conditions dangerous or injurious to health, and also an account of the supervision exercised by him, or on his advice, for sanitary purposes over places and vessels that the Port Sanitary Authority has power to regulate, with the nature and results of any proceedings which may have been so required and taken in respect of the same during the year.”

The Port was permanently constituted a Port Sanitary District by the Local Government Board, May 9th, 1883.

## I.—Constitution of Port Sanitary Authority :—

“ The Port Sanitary Authority is the Mayor, Aldermen, and Burgesses of the Borough of Newport, acting by the Council.” It discharges Port functions in waters abutting upon the Magor and St. Mellons Rural Sanitary Districts in addition to the Newport Urban Sanitary Districts.

## II.—Limits of Jurisdiction :—

“ The whole of the Port of Newport (Order May 9th, 1883) by the Treasury Warrant dated December 20th, 1847, the limits of the Port of Newport are defined as commencing at Redwick Pill, in the County of Monmouth, being the Western Extremity of the Port of Chepstow, and continues along the coast of the said County to the River Rumney,” and seaward to the middle of the Severn.

## III.—Riparian Districts included (wholly or in part) in the Port Sanitary District :—

County Borough of Newport.

Magor Parish Council District. Parishes :—Nash, Goldcliff, and Redwick.

St. Mellons Council District. Parishes :—St. Brides, Peterstone, and Rumney.

## IV.—Apportionment of Expenses :—

The Urban Sanitary Authority contributes according to the rateable value of its district, and the Rural Sanitary Authorities contribute according to the rateable value of their riparian parishes.

The proportions contributed by the various Riparian Authorities towards expenses incurred by the Port Sanitary Authority are as follows :—

|                              |      |                 |
|------------------------------|------|-----------------|
| County Borough of Newport    | ...  | 90·24 per cent. |
| Magor Rural District Council | .. } | 9·76 "          |
| St. Mellons District Council | ...  |                 |

TABLE I.

Showing Trade of the Port for a period of 33 years. (Figures kindly supplied to me by the Secretary of the Newport Chamber of Commerce, except those marked \*, which were kindly supplied by H.M. Customs).

| FOREIGN. |               |               |     | FOREIGN.   |               |               |     |
|----------|---------------|---------------|-----|------------|---------------|---------------|-----|
| Year.    | Tons Entered. | Tons Cleared. |     | Year.      | Tons Entered. | Tons Cleared. |     |
| 1871     | 156,441       | 412,043       | ... | 1893       | 752,901       | 1,086,027     | ... |
| 1872     | 155,855       | 365,127       | ... | 1894       | 933,585       | 1,450,066     | ... |
| 1873     | 151,745       | 297,492       | ... | 1895       | 871,886       | 1,374,237     | ... |
| 1874     | 197,351       | 332,333       | ... | 1896       | 924,593       | 1,461,082     | ... |
| 1875     | 118,603       | 271,765       | ... | *1897      | 1,156,793     | 1,722,347     | ... |
| 1876     | 271,025       | 431,140       | ... | *1898      | 719,500       | 1,116,529     | ... |
| 1877     | 394,698       | 506,216       | ... | *1899      | 1,282,073     | 1,816,978     | ... |
| 1878     | 419,691       | 642,294       | ... | *1900      | 1,214,788     | 1,660,317     | ... |
| 1879     | 470,186       | 713,528       | ... | *1901      | 971,953       | 1,517,118     | ... |
| 1880     | 711,249       | 909,723       | ..  | *1902      | 1,005,431     | 1,643,422     | ... |
| 1881     | 635,777       | 892,169       | ... | *1903      | 1,051,714     | 1,863,236     | ... |
| 1882     | 734,264       | 1,080,919     | ... | COASTWISE. |               |               |     |
| 1883     | 812,673       | 1,148,545     | ... | 1876       | 287,816       | 483,476       | ... |
| 1884     | 869,960       | 1,213,988     | ... | 1886       | 258,285       | 742,818       | ... |
| 1885     | 847,574       | 1,189,865     | ... | 1896       | 1,384,049     | 797,223       | ... |
| 1886     | 885,331       | 1,279,131     | ... | *1897      | 1,355,320     | 842,819       | ... |
| 1887     | 956,197       | 1,534,668     | ... | *1898      | 973,372       | 608,373       | ... |
| 1888     | 962,329       | 1,469,403     | ... | *1899      | 1,275,505     | 785,407       | ... |
| 1889     | 945,471       | 1,422,712     | ..  | *1900      | 1,087,232     | 654,637       | ... |
| 1890     | 920,560       | 1,316,430     | ... | *1901      | 1,195,797     | 660,388       | ... |
| 1891     | 736,145       | 1,101,318     | ..  | *1902      | 1,291,837     | 715,379       | ... |
| 1892     | 754,073       | 1,109,980     | ... | *1903      | 1,526,908     | 787,861       | ... |

The total number of vessels that entered the Port during 1903 was 7,512, and their tonnage amounted to 2,578,622, compared with 6356 vessels and a tonnage of 2,297,268 during 1902.

The total volume of trade of Newport for the year 1903 amounted to 5,922,013 tons, made up as follows :—

|                                            | 1903.     | 1902.     | 1901.     | 1900.     | 1899.     | †1898.    |
|--------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Imports in tons (Coastwise and Foreign ... | 1,165,169 | 998,221   | 870,868   | 1,020,942 | 1,211,864 | 723,878   |
| Exports do. (including bunkers) ...        | 4,756,844 | 4,361,206 | 4,124,585 | 4,273,656 | 4,663,953 | 2,861,125 |
| Total                                      | 5,922,013 | 5,359,427 | 4,995,453 | 5,294,598 | 5,875,817 | 3,585,003 |

†(Year of strike in coal trade).

TABLE II.

List of Vessels inspected under the Cholera, Yellow Fever, and Plague Order (1896) of the  
Local Government Board.

| Date.      | Name of Vessel.    | Nationality. | Where from.                                    | Where In-spected. | Action taken and Remarks.                                                                                                                                   |
|------------|--------------------|--------------|------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jan. 2nd   | s/s Turkistan      | British      | Persian Gulf via Rotterdam                     | Alexandra Dock    | 1 Arab off duty two months, consumption                                                                                                                     |
| „ 10th     | s/s Thorndale      | British      | Bombay via Antwerp                             | do.               | All well                                                                                                                                                    |
| „ 12th     | s/s Clan Lisle     | British      | Calcutta via London                            | do.               | do.                                                                                                                                                         |
| „ 23rd     | s/s City of Delhi  | British      | Calcutta via Dundee                            | do.               | do.                                                                                                                                                         |
| „ 30th     | s/s Cromwell       | British      | Bombay via Hull                                | do.               | do.                                                                                                                                                         |
| Feb. 2nd   | s/s Tymerio        | British      | Natal, East London and Durban via London       | do.               | do.                                                                                                                                                         |
| „ 7th      | s/s Springwell     | British      | Bombay via Antwerp                             | do.               | do.                                                                                                                                                         |
| „ 10th     | s/s Agamemnon      | British      | China and Japan via London                     | do.               | do.                                                                                                                                                         |
| „ 14th     | s/s Wistow Hall    | British      | Calcutta via Dunkirk                           | do.               | do.                                                                                                                                                         |
| „ 15th     | s/s Annie          | British      | Bombay                                         | do.               | Crew all well; all ropes parcelled & tarred; sulphur rats; dead rats burned; fore-castle forepeak & lazarette cleansed and disinfected; fore-castle painted |
| „ 17th     | s/s Crewe Hall     | British      | Calcutta via Dundee                            | do.               | All well                                                                                                                                                    |
| Mar. 6th   | s/s Clan McMillan  | British      | Calcutta via London                            | do.               | do.                                                                                                                                                         |
| „ 25th     | s/s Shahrstan      | British      | Bombay via Dunkirk, Antwerp and London         | do.               | do.                                                                                                                                                         |
| „ 30th     | s/s Errick         | Danish       | Alexandria via London                          | do.               | do.                                                                                                                                                         |
| April 14th | s/s Baron Ardman   | British      | Rangoon via Hamburg                            | do.               | do.                                                                                                                                                         |
| „ 29th     | s/s Speranza       | Italian      | Alexandria via Hull                            | do.               | do.                                                                                                                                                         |
| „ 30th     | s/s Clan Colquhoun | British      | Calcutta via Port Said, Malta, London and Hull | do.               | 1 Lascar left at Port Said                                                                                                                                  |
| May 2nd    | s/s Den of Airlie  | British      | Calcutta via Rotterdam                         | do.               | All well                                                                                                                                                    |
| „ 10th     | s/s Goolistan      | British      | Persian Gulf via Amsterdam                     | do.               | do.                                                                                                                                                         |
| „ 26th     | s/s Umhloti        | British      | Delagoa Bay                                    | do.               | Disinfected                                                                                                                                                 |
| „ 28th     | s/s Clan Graham    | British      | Madras Coast via Dunkirk and London            | do.               | All well                                                                                                                                                    |
| June 6th   | s/s Pronae         | British      | Burmah                                         | do.               | do.                                                                                                                                                         |
| „ „        | s/s Clan McLachlan | British      | Malabar and East London via Antwerp            | do.               | do.                                                                                                                                                         |
| „ 13th     | s/s Koordistan     | British      | Bombay via Havre                               | do.               | do.                                                                                                                                                         |
| „ „        | s/s City of Madrid | British      | Bascui                                         | do.               | do.                                                                                                                                                         |

TABLE II.—Continued.

| Date.     | Name of Vessel.   | Nationality. | Where from.                              | Where In-spected. | Action taken and Remarks. |
|-----------|-------------------|--------------|------------------------------------------|-------------------|---------------------------|
| June 23rd | s/s Den of Seaton | British      | Indian Ports via Bremerhaven and Glasgow | Alexandra Dock.   | do.                       |
| July 2nd  | s/s Australia     | British      | Bombay via Glasgow                       | do.               | do.                       |
| „ 6th     | s/s Muristan      | British      | Bombay via Hamburg                       | do.               | do.                       |
| „ „       | s/s Comeric       | British      | Bombay via Marseilles and London         | do.               | do.                       |
| „ 22nd    | s/s Clan Lindsey  | British      | Madras via London and Antwerp            | do.               | do.                       |
| Aug. 21st | s/s Trentham Hall | British      | Cape Town via River Plate and Antwerp    | do.               | do.                       |
| „ 25th    | s/s Euphrates     | British      | Persian Gulf via London                  | do.               | do.                       |
| „ „       | s/s Putney Bridge | British      | Karachi via London                       | do.               | do.                       |
| „ 31st    | s/s Clan McDonald | British      | Calcutta via London                      | do.               | do.                       |
| Sept. 9th | s/s Circassia     | British      | Calcutta via London                      | do.               | do.                       |
| „ 28th    | s/s Prometheus    | British      | China and Japan via London               | do.               | do.                       |
| „ 29th    | s/s Turkistan     | British      | Bombay via London                        | do.               | do.                       |
| Oct. 21st | s/s City of Delhi | British      | Karachi via Liverpool                    | do.               | do.                       |
| „ 28th    | s/s Bucania       | British      | Bombay via Liverpool                     | do.               | do.                       |
| Nov. 18th | s/s Prome         | British      | Bombay via Dunkirk                       | do.               | do.                       |
| Dec. 2nd  | s/s Salisbury     | British      | Alexandria via London                    | do.               | do.                       |
| „ 14th    | s/s Den of Seaton | British      | Calcutta via Dunkirk and London          | do.               | do.                       |
| „ „       | s/s Wistow Hall   | British      | Calcutta via London                      | do.               | do.                       |
| „ 16th    | s/s Shahrstan     | British      | Persian Gulf via London                  | do.               | do.                       |
| „ 29th    | s/s Afghanistan   | British      | Bombay via London                        | do.               | do.                       |
| „ 31st    | s/s Clan McNeil   | British      | Bombay via London                        | do.               | do.                       |

TABLE III.

Shewing list of Vessels visited daily during their stay in port, owing to having disease on board of a non-infectious nature. The patients were attended by medical practitioners employed by the masters of vessels.

| Date.     | Nationality. | Where from | Name of Vessel.         | No. of Sick.                                    |
|-----------|--------------|------------|-------------------------|-------------------------------------------------|
| Jan. 2nd  | British      | Hamburg    | s/s Turkistan           | 1 Arab Fireman ill                              |
| " 19th    | British      | Antwerp    | s/s Hailsbury           | Chief Officer and 1 Sailor, colds               |
| " 20th    | British      | Dundee     | s/s City of Delhi       | 1 Lascar, ill                                   |
| " "       | French       | Rotterdam  | s/s Justin              | 1 Boy ill                                       |
| " 28th    | Norwegian    | Ayr        | s/s Waterloo            | 1 Fireman, injured leg                          |
| " 30th    | British      | Havre      | s/s Imaum               | 1 Lascar, lumbago; 1 do., cold                  |
| Mar. 3rd  | German       | Pensacola  | s/s Bylgia              | Donkeyman, venereal disease                     |
| " "       | Sweedish     | Manchester | s/s Bifrost             | Chief Officer, accident                         |
| " 4th     | British      | Liverpool  | s/s Wingrove            | 1 Sailor, cold                                  |
| " "       | French       | Fecamp     | s/s Marseille           | 1 Sailor, injury to foot                        |
| " 9th     | Norwegian    | Risor      | s/s Gertrude            | Chief Engineer, cold                            |
| " "       | French       | Bordeaux   | s/s Margarite           | 1 Fireman, rheumatism                           |
| " 16th    | Belgian      | Rotterdam  | s/s Dyle                | 1 Sailor, venereal disease                      |
| " 17th    | Sweedish     | Antwerp    | s/s Harrington          | 1 Sailor, cold                                  |
| " 30th    | British      | Liverpool  | s/s Royston Grange      | 2 Sailors ill                                   |
| Apl. 7th  | British      | Bordeaux   | s/s Goldcliffe          | 1 Sailor, accident                              |
| " "       | British      | London     | s/s Gervase             | 1 Sailor, neuralgia and cramps                  |
| " 9th     | British      | Wexford    | scho'ner Nourviel Marie | Captain, poisoned hand                          |
| " 14th    | Norwegian    | Risor      | barque Leon             | 1 Sailor, accident                              |
| " "       | Italian      | Genoa      | s/s Agnello Ciampa      | 2 Firemen, severe colds                         |
| " 21st    | Portuguese   | Oporto     | barque Florinda         | 1 Sailor, injury                                |
| " 29th    | Italian      | Hull       | s/s Speranza            | 1 Fireman, scald; 1 do., venereal               |
| May 7th   | Greek        | Rotterdam  | s/s Andres              | 1 Fireman, severe cold                          |
| " 10th    | British      | Oporto     | s/s Saxon Briton        | 1 Sailor, accident removed to Infirmary         |
| " 16th    | British      | Liverpool  | s/s Urmston Grange      | 3rd Engineer, inflammation bowels               |
| " 17th    | Russian      | Antwerp    | s/s Hellios             | 1 Fireman, ulcer of leg                         |
| " 27th    | Belgian      | Antwerp    | s/s Dyle                | 1 Fireman, injury to leg                        |
| " 28th    | British      | London     | s/s Clan Graham         | 1 Lascar, venereal disease                      |
| " 29th    | French       | Lorient    | brigantine Elizabeth    | 1 Boy, influenza                                |
| June 2nd  | French       | Vauns      | ketch Rose Madeline     | Captain, cold                                   |
| " 3rd     | British      | Liverpool  | s/s Beacon Grange       | 1 Fireman, cold                                 |
| " "       | British      | Antwerp    | s/s Clan Maclacklan     | 3 Lascars, cold                                 |
| " 5th     | Spanish      | Bilbao     | s/s Mazo                | Chief Engineer, injury to leg                   |
| " 23rd    | British      | Glasgow    | s/s Den of Seaton       | 3 Sailors, cold; 2 Firemen, injury              |
| July 2nd  | Dutch        | Rotterdam  | s/s Josephine           | 1 Sailor, fever and ague                        |
| Aug. 6th  | British      | London     | s/s Indianapolis        | 1 Fireman, cold                                 |
| " 7th     | Portuguese   | Oporto     | barque Glama            | 1 Sailor, diarrhœa                              |
| " 11th    | British      | London     | s/s Monmouth            | 1 Fireman, injury to leg                        |
| " 19th    | Norwegian    | Rotterdam  | s/s Aurora              | Captain, cold                                   |
| " "       | Norwegian    | Bordeaux   | s/s Sara                | 1 Sailor, diarrhœa                              |
| " 25th    | British      | London     | s/s Putney Bridge       | 2 Lascars, colds                                |
| " "       | British      | London     | s/s Euphrates           | 1 Fireman, cold                                 |
| Sept. 1st | British      | Harwich    | s/s Kinsale             | 1 Sailor, cold                                  |
| " 17th    | British      | Cork       | s/s Winstanley          | 1 Sailor, cold                                  |
| " 29th    | German       | Hamburg    | s/s Bocrusia            | Chief Officer, accident                         |
| " "       | Sweedish     | London     | s/s Falster             | Female Cook, hæmorrhage lungs                   |
| Oct. 10th | British      | Grimsby    | s/s Vasco               | Boatswain, 4 days' ill removed to Allt-yr-yn    |
| " 20th    | British      | Wexford    | schooner Emily          | Mate, injury to leg                             |
| " 22nd    | British      | Cork       | schooner Marion         | Captain, influenza                              |
| Nov. 3rd  | British      | Dublin     | schooner Maria Reid     | Captain, influenza, cold                        |
| " 7th     | British      | London     | s/s Den of Airle        | Chief Steward, dysentery                        |
| " 11th    | British      | Bordeaux   | s/s Hawthorn            | 1 Sailor, out-patient Infirmary                 |
| " 15th    | British      | Rotterdam  | s/s Castlegarth         | 1 Sailor, cold                                  |
| " 17th    | Italian      | Antwerp    | s/s Brento              | 1 Fireman, rheumatism                           |
| " 18th    | British      | Dunkirk    | s/s Prome               | 1 Fireman, injured foot                         |
| " 19th    | Italian      | Rotterdam  | s/s Lupia               | 1 Sailor, venereal disease                      |
| " 20th    | Spanish      | Dublin     | s/s Oriedo              | Chief Engineer, venereal disease                |
| " 26th    | Belgian      | Rotterdam  | s/s Dyle                | 2nd Engineer and 1 Sailor, colds                |
| Dec. 4th  | Danish       |            | schooner Kare           | 1 Sailor, removed Allt-yr-yn (observation case) |
| " 7th     | Norwegian    | Rotterdam  | s/s Daphne              | Captain, injury                                 |
| " 10th    | Danish       | Copenhagen | schooner Iager Olsen    | 1 Sailor, rheumatism, removed to Infirmary      |
| " 18th    | British      | London     | s/s Elstree Grange      | 1 Sailor, "specific" rash                       |
| " 19th    | Danish       | Antwerp    | barque Proven           | 1 Sailor, venereal disease                      |
| " 23rd    | Norwegian    | Liverpool  | s/s Gier                | 1 Sailor, injury, removed Infirmary             |
| " 31st    | British      | London     | s/s Clan McNeil         | 5 Lascars, colds                                |
| " "       | Norwegian    | Liverpool  | s/s Venadis             | 1 Sailor, injury                                |
| " "       | Sweedish     | Antwerp    | s/s Ester               | Cook, severe cold                               |

TABLE IV.

List of Vessels which had cases of Infectious Disease on board during last voyage or after arrival at Newport.

| Date.     | Nationality. | Where From.             | Name of Vessel.    | Nature of Sickness, and action taken.                                                                                                                                                                                                                                                                                                                                                              |
|-----------|--------------|-------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jan. 19th | British      | Havre                   | s/s Rosemoor       | Captain reported that F.W., age 22 (A.B.) was landed at Havre suffering from Typhoid Fever. Water tanks etc. cleaned out, disinfected and refilled with fresh water at Newport.                                                                                                                                                                                                                    |
| „ 26th    | Belgian      | Bayonne                 | s/s Peter Benoit   | On arrival a Fireman was found to be suffering from Phthisis.                                                                                                                                                                                                                                                                                                                                      |
| Feb. 2nd  | ---          | Gibraltar               | s/s Ibex           | Captain reported that he had landed two cases of Small Pox at Gibraltar during last voyage. No further cases.                                                                                                                                                                                                                                                                                      |
| „ 16th    | British      | Baltimore via Dartmouth | s/s Mona           | The Captain reported that the 2nd Officer was taken ill at Baltimore, Jan. 4th, after eating raw oysters, was seen by two doctors at Louisburg, N.S., Jan. 10th, also by a doctor at Copenhagen, Jan. 29th and February 3rd, and finally by a doctor at Dartmouth, Feb. 10th, and was removed to Hospital there on the same day, suffering from advanced Typhoid Fever. Berths, etc., disinfected. |
| Mar. 23rd | British      | Hennebont (Feb. 12th)   | s/s Elizabeth      | Arrived at Newport on Feb. 19th. March 10th, a Sailor was admitted into the County Hospital, and was found later to be suffering from Typhoid Fever, from which he died March 21st.                                                                                                                                                                                                                |
| „ 30th    | British      | Liverpool               | s/s Royston Grange | A Sailor was found to be suffering from Small Pox. He was a native of Liverpool, and had contracted the disease during the outbreak there previous to joining the vessel. He was removed to Mendalgief Hospital. The crew, 43 in number, were re-vaccinated. No further cases occurred. Vessel was disinfected.                                                                                    |
| May 27th  | British      | Almeria                 | s/s Pontypridd     | Captain reported that he had landed a case of Small Pox at Almeria, May 13th. All well during stay at Newport.                                                                                                                                                                                                                                                                                     |
| June 17th | Norwegian    | Risor                   | Desideria          | Arrived at Newport on June 15th. The Steward was found to be suffering from Small Pox on the 17th, and was removed to Mendalgief Hospital. The crew were re-vaccinated and the vessel was disinfected.                                                                                                                                                                                             |
| „ 20th    | Swedish      | Quebec                  | s/s Norman         | On arrival the Donkeyman (age 23) and a Fireman (age 20) were found to be suffering from Typhoid Fever. They were removed to Allt-yr-yn Hospital. Water Tanks, etc., were disinfected and re-filled with fresh water.                                                                                                                                                                              |
| July 27th | British      | London                  | s/s Annerley       | W.J. (Fireman) was removed to Allt-yr-yn Hospital suffering from Typhoid Fever.                                                                                                                                                                                                                                                                                                                    |
| Oct. 13th | British      | Hull                    | s/s Vasco          | H.E. (Seaman) age 46, developed Typhoid Fever after arrival at Newport, and was removed to Allt-yr-yn Hospital. Tanks, etc., were disinfected.                                                                                                                                                                                                                                                     |
| Dec. 7th  | Danish       | Old Dock                | Kare               | A.A., Seaman, developed symptoms of Typhoid Fever after arrival at Newport. He was removed to Allt-yr-yn Hospital. Vessel disinfected.                                                                                                                                                                                                                                                             |

## GENERAL INSPECTION.

Inspector Roberts and Assistant-Inspector Jenkins inspected 3787 vessels during the year; in addition, 1945 re-visits were made to enforce compliance with notices, and to vessels arriving from ports infected with Smallpox and Plague.

1374 of the vessels which entered from "Foreign" were visited. Of these, 304, or 22·1 per cent. (compared with 18·2 per cent. during 1902) were found to have sanitary defects on board, a fact which proves the necessity for careful supervision of vessels from abroad.

2413 of the vessels which entered from "Coastwise" were inspected. 411 of these, or 17 per cent., were found to be insanitary in some respects. The sailing vessels were the worst offenders, 20 per cent. being insanitary, compared with 14 per cent. of the steamships.

The average percentage found to be insanitary out of the total number inspected was 18·8, compared with 15·6, 11·9, 12·2, 13·9, 14·2, and 17·5 during 1897-8-9, 1900-1 and 1902 respectively.

Arranged according to nationality, the percentages found to be insanitary were as follows :—

|                        | Greek. | Italian. | Spanish. | Danish. | Austrian. | French. | British. | Portuguese. | Russian. | Swedish. | Norwegian | German. |
|------------------------|--------|----------|----------|---------|-----------|---------|----------|-------------|----------|----------|-----------|---------|
| 1897                   | 26·    | 39·1     | 39·      | 22·     | 10·3      | 20·8    | 15·9     | 9·5         | 25·8     | 0        | 6·7       | 8·      |
| 1898                   | 50·    | 35·3     | 28·5     | 20·     | 14·3      | 12·1    | 11·5     | 10·         | 10·      | 7·1      | 7·        | 5·5     |
| 1899                   | 27·3   | 32·      | 16·3     | 6·6     | 7·1       | 13·2    | 12·1     | 14·         | 11·5     | 10·      | 8·8       | 6·      |
| 1900                   | 34·8   | 36·      | 20·1     | 9·5     | 10·       | 16·     | 11·      | 35·7        | 20·      | 10·      | 10·8      | 12·8    |
| 1901                   | 35·    | 33·3     | 25·9     | 8·      | 9·5       | 18·7    | 12·2     | 27·7        | 12·5     | 13·      | 9·4       | 8·      |
| 1902                   | 31·    | 34·      | 31·1     | 13·3    | 13·7      | 20·     | 15·8     | 30·4        | 25·7     | 14·2     | 12·8      | 14·6    |
| 1903                   | 36·8   | 30·9     | 32·      | 11·6    | 23·6      | 18·1    | 17·5     | 31·6        | 20·5     | 15·      | 21·5      | 9·6     |
| Average<br>for 7 years | 34·4   | 34·3     | 27·6     | 13·     | 12·6      | 17·3    | 13·7     | 22·7        | 18·0     | 9·9      | 11·0      | 9·2     |

## PLAGUE.

Vessels arriving from ports infected or suspected to be infected by Plague have been inspected on arrival, and the precautions described in my report for 1901 have been carried out as far as possible.

## RECIPROCAL ACTION BETWEEN PORT SANITARY AUTHORITIES.

Owing to the short and frequently uncertain stay of many vessels in port, upon which notices have been served for sanitary defects, &c., it is frequently impossible to get the necessary work carried out before leaving port.

Of late much has been done in the way of remedying nuisances and improving the accommodation of crews in such cases by mutual action among Port Sanitary Authorities in this country, by forwarding copies of the notices served to the port of destination if in this country. Several vessels were followed up in this way during the year, and greater respect has thus been paid to the requests of Port Sanitary Authorities.

## SEAMEN'S LODGING HOUSES.

Careful and systematic attention has been paid by Inspector Roberts and his Assistant, Inspector Jenkins, to the inspection of the above.

It is the duty of the keepers of licensed premises to report any cases of sickness occurring on their premises. This is a matter of great importance when small-pox is prevalent in seaport towns; and the keeping of seamen-lodgers by unlicensed householders has proved to be a source of danger from a public health point of view. For instance in the early part of the year a Norwegian sailor put up at an eating house in Alexandra Road, and soon after arrival developed small-pox, which was not discovered until he had been ill several days, when he visited the Out-Patient Department of the County Infirmary, and

was then found to be suffering from well marked small-pox. Had he been staying at a licensed house the matter would probably have been reported earlier and much time and expense would have been saved.

Two unlicensed keepers were fined during the year for breaches of the Bye-laws in reference to this matter.

#### SMALLPOX.

Vessels arriving from ports where Smallpox was prevalent were carefully inspected on arrival, and kept under observation whilst in port. The names and addresses of the crews paid off at Newport were taken and forwarded to the Medical Officer of Health of the district to which they were going.

s/s Ibex and s/s Pontypridd.—These vessels, which had had outbreaks on board during the last voyage, arrived at Newport during the year. No further cases occurred whilst at Newport.

British s/s Royston Grange, from Liverpool, and Norwegian barque Desiderio, from Risør, had Smallpox on board at Newport (*vide* table). They were removed to Mendalgief Hospital. Both crews were re-vaccinated and the vessels were thoroughly disinfected.

#### TYPHOID FEVER.

Six cases of Typhoid Fever were removed to Allt-yr-yn Hospital and one to the County Hospital from vessels arriving at the port, viz., from the British s/s Elizabeth from Hennebont, British s/s Norman (2 cases), British s/s Annerley, s/s Vasco, and the Danish schooner Kare.

The water tanks, &c., were cleaned out and re-filled with Newport water, and all necessary disinfection was carried out.

#### DISEASES OF ANIMALS ACTS, 1894 AND 1896.

The administration of the Board of Agriculture Order, re "Landing of Dogs from Abroad," has been delegated to the Port Sanitary Inspectors. A report on the subject is included in the Inspectors' report, which is appended to this report.

I am, Gentlemen,

Your Obedient Servant,

J. HOWARD-JONES,

Port Sanitary Medical Officer of Health.

---

---

PORT SANITARY OFFICE,

TOWN HALL, NEWPORT,

May, 1904.

TO THE CHAIRMAN AND MEMBERS OF THE PORT SANITARY COMMITTEE.

GENTLEMEN,

I beg to submit to you :—

I.—A Report on the Inspection of Vessels during the year 1903.

II.—A Report on the administration of the "Board of Agriculture Dogs' Order from Foreign Ports," and for the detention of the same on board of vessels in port.

III.—A Report on Licensed Seamen's Lodging Houses.

The duties were carried out under the provision of the Public Health Act, 1875, which enacts that a ship, when in the district of a Local Authority, shall be dealt with as a house within the district (Sec. 110).

The requirements attended to included cleanliness and ventilation of living spaces, light for same, leakage, effluvium from water closets, limbers, holds, bilge's forepeaks, and accumulation of filth; provision for clean and suitable store-room for provisions, for pure water, clean and suitable vessels for containing the same, repairs of dilapidations, cleansing and removal of filth.

Among the structural defects found on board of vessels which had been passed in some cases by the Board of Trade were the following :—

Water closets with doors in alley-ways of forecastle, partitioned off with wood between closet and forecastle; water closets between decks and adjoining living and sleeping rooms, partitioned off with wood, which therefore could not be ventilated in bad weather and which must be a source of nuisance to the crew, particularly at meal times. Paint lockers, and oil and lamp rooms between, or in front or on the side of, and all under the same deck and on the same level as the forecastle, with only wood partition separating them from the living and sleeping rooms of sailors and firemen; whilst on many weekly boats the food and provisions were hung up or kept in spare berths in the forecastle, there being no other place for the storage of such food.

Special attention has been paid to all vessels, either direct or after discharging at another port, that have been at any port where plague was reported to exist, also all vessels from ports infected with small-pox have been visited daily whilst in port.

During the year 3787 vessels were inspected; 2795 of these were British, and 992 were Foreign Vessels. Of the 3787 vessels inspected 715 were found in a more or less insanitary condition.

The nuisances discovered consisted of the following :—

- 370 foul or dirty forecastles or living spaces.
- 53 living spaces with defective ventilation and port lights.
- 97 defective or foul water closets.
- 61 with foul bilge water and heated grain in limbers.
- 79 bad water supplies or dirty tanks and casks.
- 51 defective decks with leakages through the decks or around hawse pipes into the forecastles.
- 4 with putrid brine in meat casks.
- Total—715.

1945 re-visits were made to enforce compliance with notices and to vessels from plague and small-pox ports.

Number of Vessels inspected, Foreign and Coastwise :—

|              |                     |                          |     | No. Inspected. | No. Defective. | No. of Notices. |
|--------------|---------------------|--------------------------|-----|----------------|----------------|-----------------|
| Foreign      | { Steamships ... .. | ...                      | ... | 1149           | 237            | 237             |
|              |                     | { Sailing Vessels ... .. | ... | 225            | 67             | 67              |
|              |                     |                          |     | 1374           | 304            | 304             |
| Coastwise    | { Steamships ... .. | ...                      | ... | 1250           | 176            | 176             |
|              |                     | { Sailing Vessels ... .. | ... | 1163           | 235            | 235             |
|              |                     |                          |     | 2413           | 411            | 411             |
| Total ... .. |                     |                          |     | 3787           | 715            | 715             |

## Number and Nationality of the Vessels inspected :—

| Nationality.     | No.  | No. Sanitary Defects. | Nationality       | No.  | No. Sanitary Defects. |
|------------------|------|-----------------------|-------------------|------|-----------------------|
| Austrian... ..   | 38   | 9                     | Norwegian ... ..  | 153  | 33                    |
| Belgian ... ..   | 51   | 11                    | Peruvian ... ..   | 1    | —                     |
| British ... ..   | 2795 | 491                   | Portuguese ... .. | 19   | 6                     |
| Bulgarian ... .. | 1    | —                     | Russian ... ..    | 39   | 8                     |
| Danish ... ..    | 43   | 5                     | Spanish ... ..    | 159  | 51                    |
| Dutch ... ..     | 57   | 15                    | Sweedish ... ..   | 27   | 4                     |
| French ... ..    | 236  | 43                    | Uruguayan ... ..  | 2    | 1                     |
| German ... ..    | 73   | 7                     |                   |      |                       |
| Greek ... ..     | 38   | 14                    |                   |      |                       |
| Italian ... ..   | 55   | 17                    | Total ... ..      | 3787 | 715                   |

## “LANDING OF DOGS ORDER FROM ABROAD.”

The number of vessels having dogs on board and the number of dogs either direct from foreign ports or arriving coastwise from a foreign port was 273, and the number of dogs on board was 319.

Two captains were summoned before the magistrates for not keeping their dogs under proper control while their vessels were in port, and were each fined twenty shillings, including costs. (£2.)

## LICENSED SEAMEN'S BOARDING HOUSES.

The following summary shews the number of visits to licensed and unlicensed boarding houses, the condition in which they are kept, and the sanitary defects discovered during the year :—

|                                                      |     |
|------------------------------------------------------|-----|
| Total number of houses registered during 1902 ... .. | 16  |
| „ „ new licenses issued during 1903 ... ..           | 8   |
| „ „ licenses given up during 1903 ... ..             | 2   |
| „ „ houses at present licensed ... ..                | 22  |
| „ „ visits to licensed houses ... ..                 | 611 |
| „ „ „ unlicensed houses ... ..                       | 72  |
| „ „ notices served to comply with Bye-laws ... ..    | 29  |
| „ „ foul accumulations in yards ... ..               | 3   |
| „ „ defective flushing to water closets... ..        | 2   |
| „ „ defective drains in yards ... ..                 | 3   |
| „ „ broken paving stones in yards ... ..             | 2   |
| „ „ defective connections in water closets ... ..    | 2   |

Two licensed boarding-house keepers were summoned before the magistrates for overcrowding their houses, and were fined three pounds each including costs. (£6.)

Two *unregistered* boarding house keepers were summoned before the magistrates for keeping unlicensed boarding houses and were fined, the one three pounds and the other two pounds, including costs. (£5.)

449 special visits were made to houses where seamen had given their address when signing on from houses other than Licensed Seamen's Boarding Houses.

Also 113 copies of the Bye-laws were served upon 113 occupiers of houses taking in seamen lodgers although not registered for that purpose.

35 visits were paid to addresses of discharged soldiers from India and South Africa who had arrived by vessels which had had cases of plague or small-pox on board during the voyage home.

I am, Gentlemen,

Your obedient Servant,

THOMAS ROBERTS,

Port Sanitary Inspector.